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Notice of Allowability

Application No.

10/528,258

Examiner

Steven S. Paik

Applicant(s)

PIIKIVI, LAURI

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed July 20, 2007.
2. ☒ The allowed claim(s) is/are 2-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>herewith</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. Receipt is acknowledged of the Amendment filed July 20, 2007. The applicant amended claims 2-16 and cancelled claim 1.

Terminal Disclaimer

2. The terminal disclaimer filed on July 20, 2007 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US. Pat. No. 6,776,339 has been reviewed and is accepted. The terminal disclaimer has been recorded.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. James A. Retter (Reg. No. 41,266) on September 27, 2007.

The application has been amended as follows:

IN THE SPECIFICATION:

Please insert the following continuing data immediately after the title of the invention.

This application is a 371 of PCT/IB03/04000 filed September 17, 2003 which is a CIP of 10/259,813 filed September 27, 2002 now a US Pat. No. 6,776,339.

IN THE CLAIMS:

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2. (Currently Amended) A mobile cellular terminal ~~An apparatus~~, comprising a smart card router module as in claim 15, further comprising the smart card application host, wherein the smart card application host is selected from the group consisting of a contact smart card, a microcontroller residing in the mobile cellular terminal, and a security component of the mobile cellular terminal.

9. (Currently Amended) A method for use by a smart card router module in a mobile cellular terminal, the mobile cellular terminal including cellular telephone functionality, the method for use in communicating with a contactless smart card reader, the mobile cellular terminal including a smart card application host hosting at least one smart card application, the method comprising:

the ~~The~~ smart card router module receiving from the contactless smart card reader a radiofrequency communication signal pertinent to the at least one smart card application;

the ~~The~~ smart card router module examining the radiofrequency communication signal so as to determine where to route the radiofrequency communication signal including possibly routing the communication signal to the at least one smart card application or to a terminal interface of the mobile cellular terminal or to a radiofrequency antenna for radiative transmission to a system related to the at least one smart card application; and

routing the communication signal to the destination so determined.

Allowable Subject Matter

4. Claims 2-16 are allowed.

The following is an examiner's statement of reasons for allowance: none of the cited prior arts of the record, teaches, discloses, or fairly suggests the claimed method and device

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comprising, among other things, a smart card router module and a smart card reader in which the module is responsive to an RF communication signal for demodulating the RF signal and providing either a demodulated communication traffic signal to a smart card application host or a demodulated communication traffic signal to a terminal interface. After further search and thorough examination of the present application and in view of the Applicant's arguments, terminal disclaimer, and amendments, claims 2-16 are found to be in condition for allowance over the prior art made of record.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven S. Paik whose telephone number is 571-272-2404. The examiner can normally be reached on Monday - Friday 6:30a-3:00p (Maxi-Flex*).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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Art Unit 2876

ssp